

Division of Solid and Hazardous Waste  
401 East State Street  
P.O. Box 414  
Trenton, New Jersey 08625-0414  
Phone # (609) 292-9880  
Fax # (609) 633-9839

Hazardous Waste Facility Permit

Under the provisions of N.J.S.A. 13:1E-1 et seq. known as the Solid Waste Management Act, this permit is hereby issued to:

Bridgeport Disposal, LLC  
2858 Route 322  
Bridgeport, New Jersey 08014-0337

For the Purpose of Operating a:	Hazardous Waste Storage, Transfer and Treatment Facility
On Lot No.:	16
Block No.:	51
In the Municipality of:	Logan Township
County:	Gloucester
Under Facility Permit No.:	0809D1HP18
EPA ID No.:	NJD 053 288 239

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This permit shall not prejudice any claim the State may have to riparian land, nor does it allow the permittee to fill or alter or allow to be filled or altered in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection or the U.S. Environmental Protection Agency.

Issued: March 31, 1989

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Thomas Sherman, Assistant Director  
Division of Solid and Hazardous Waste

Modified: September 29, 1989  
June 28, 1991  
April 4, 1991  
April 8, 1992  
September 14, 1992  
April 1, 1993  
December 6, 1993  
February 27, 1996  
October 31, 1996  
July 8, 1997

August 3, 1998  
September 10, 1998  
December 8, 1998  
May 13, 1999  
January 20, 2000  
July 3, 2000  
November 21, 2002

(Modified 11/21/02)

Scope of Permit

This permit along with the referenced permit application documents herein specified shall constitute the sole Hazardous Waste Facility Permit for this facility. Any Registration or Approval previously issued by the Division of Solid and Hazardous Waste or its predecessor agencies is hereby superseded. The permittee need not comply with the conditions of this permit to the extent and for the duration such noncompliance is authorized by an emergency permit (40 C.F.R. 270.61).

(Modified 9/29/89)

(Modified 11/21/02)

Regulated Activities at the Facility

Section I of this permit contains the general conditions applicable to all commercial hazardous waste facilities. Section II of this permit contains the specific conditions applicable to this hazardous waste facility.

Minor Modification Dated 04/04/91

The minor modification replaces the Extraction Procedure (EP) Toxicity Characteristic for hazardous waste numbers D004 through D017 with the Toxicity Characteristic (TC) and its corresponding methodology the Toxicity Characteristic Leaching Procedure (TCLP). The minor modification also includes the addition of the TC hazardous waste numbers D018 through D043, hazardous waste numbers F039 and K107 through K110.

Minor Modification Dated 06/28/91

The minor modification includes the addition of hazardous waste numbers F032, F034, F035, F037 and F038.

Major Modification Dated 04/08/92

The major modification includes the addition of two (2) container storage areas designated as E<sub>1</sub> and E<sub>2</sub> with storage capacities of one hundred seventy thousand (170,000) and eighty thousand (80,000) gallons, respectively for loading and unloading of hazardous and non-hazardous waste to or from trucks, vans and tankers and for the storage of hazardous and non-hazardous waste in dump trailers, box trailers, tank trailers, roll-offs and containers which vary in size from one (1) to three hundred fifty (350) gallons.

Minor Modification Dated 09/14/92

The minor modification allows the permittee to install an oxygen enrichment feed system for both the primary and secondary chambers of the existing incinerator. A 15 second delay for the automatic waste feed cutoff for less than 3% oxygen in the hot duct was added.

Major Modification Dated 04/01/93

The major modification allows the permittee to increase the ash content of the liquid waste feed to the incinerator from 2 percent to 4 percent.

A revised Waste Analysis Plan dated July 1992 was incorporated into the permit and operating procedures.

The permitted storage capacity of three trailer parking areas was increased a total of 16,000 gallons. An upgrade of the containment system in the T-323 loading area will be required to meet the new capacity.

Major Modification Dated 12/06/93

The major modification authorizes the acceptance of additional waste codes, approves an upgrade of the existing covered drum pad, authorizes manual and mechanized drum repacking and extrusion equipment, authorizes the use of a shredder and feed system to the incinerator, authorizes the use of an auxiliary elevator feed system to the incinerator, authorizes the installation of a viscosity reduction station, increases the storage capacity of containers and tanks by a total of 47,840 gallons, and authorizes the modification of the waste analysis plan.

Minor Modification Dated 02/27/96

The minor modification authorizes the permittee to utilize the Container Storage Building to store containers of hazardous waste that will be transferred to another authorized facility. The minor modification also clarifies which hazardous waste container storage areas are authorized to store hazardous waste to be transferred. All hazardous waste container storage areas authorized by Condition 2(a) of Section II of the permit, with the exceptions of the kiln staging area and the eductor storage pad, are authorized to store hazardous waste that will be transferred to another authorized facility.

Major Modification Dated 10/31/96

The major modification authorizes the acceptance of additional waste codes, authorizes the bulking, blending and repackaging of wastes accepted for transfer to another facility and revises the permittee's waste analysis requirements. The permit is also being modified to reference the permittee's latest revision to the facility's contingency plan. Furthermore, the permit is being modified to correct the minimum required water flow rate to the Calvert Venturi Scrubber, a part of the incinerator's air pollution control system.

Class 1 Modification Dated 08/03/98

The permittee implemented Class 1 modifications to replace the piping used to transfer gaseous wastes from the glove box to the rotary kiln combustion chamber and to change the name of the owner/operator and the facility to Safety-Kleen (Bridgeport), Inc.

Class 2 Modification Dated 09/10/98

The modification authorizes changes to the facility's Contingency Plan, including updates of names, titles, and phone numbers of individuals and organizations listed in the plan, and revisions to the emergency equipment list, equipment inspection schedule and emergency training.

Class 1 Modification Dated 12/08/98

The permittee implemented Class 1 modifications to install piping to allow the safe transfer of water reactive wastes from the glove box to the rotary kiln chamber of the incinerator and to upgrade the ash containment area.

Class 1 and 2 Modifications Dated 05/13/99

The permittee implemented a Class 1 modification to revise the facility's Contingency Plan to reflect changes in facility personnel, to update contact information and to make other editorial changes. Also, approval of a Class 2 Modification authorizes the permittee to accept and manage hazardous wastes classified with codes K169, K170, K171, and K172.

Class 1 Modification Dated 01/20/00

The Department approved a Class 1 Modification to authorize changes in the design and associated construction of the shredder feed system.

Class 1 Modification Dated 07/03/00

The permittee implemented three (3) separate Class 1 modifications to the permit. On April 17, 2000, the permittee notified the Department that on April 10, 2000, a small vaporizer unit, steam lines, piping and control valves were installed in the vicinity of the existing Kiln Staging Area to allow the safe processing of a Freon-23 waste stream. On April 24, 2000, the permittee notified the Department of the intention to replace the Loddby can. On June 7, 2000, the permittee notified the Department that on June 1, 2000, new piping was installed to connect tank T-308 to the Direct Burn Unloading Area.

Class 1 Modification Dated 11/21/02

The Department approved two Class 1 Modification requests. These included the June 7, 2001, request by Safety-Kleen (Bridgeport), Inc. to modify the facility's closure plan and the April 30, 2002, request by Clean Harbors, Inc. to change the facility ownership to Bridgeport Disposal, LLC. The Department also modified the permit to reference the most recent Contingency Plan submittal.

In addition, since Safety-Kleen (Bridgeport), Inc. notified the Department that they intended to close the facility, had ceased receiving waste and had begun actual closure activities, and Bridgeport Disposal, LLC has confirmed that they intend to continue closure, the Department has modified the permit to remove the permittee's authorization to accept waste and to require closure

activities to proceed.

The Department also modified the permit by removing and replacing outdated conditions and regulatory citations. Most of the outdated conditions were caused by the repeal of New Jersey's hazardous waste regulations at N.J.A.C. 7:26 and the adoption of N.J.A.C. 7:26G which incorporates the Federal hazardous waste regulations of 40 C.F.R. Parts 260 through 270 by reference.

## SECTION I

The permit is conditioned upon compliance with and implementation of the following:

1. Duty to Comply

The permittee shall comply with all conditions of this Permit. Any permit non-compliance constitutes a violation of the Solid Waste Management Act (N.J.S.A. 13:1E-1.1 et seq.) and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Any generator, hauler, facility operator or any other person who discharges or is responsible for discharge of hazardous waste on land or in the waters of the State of New Jersey or at any place other than an approved hazardous waste facility shall be subject to penalties pursuant to N.J.S.A. 58:10A-1 et seq.

2. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must submit a complete application for a new permit at least one hundred eighty (180) days prior to permit expiration.

3. Duty to Halt or Reduce Activity

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

4. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from non-compliance with this permit.

5. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

(Modified 11/21/02)

6. Permit Actions

This permit may be modified or revoked and reissued for cause pursuant to 40 C.F.R. 270.41. Also, the Department reserves the right to terminate an existing permit for cause pursuant to 40 C.F.R. 270.43.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information

The permittee shall furnish to the Department, within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the Department, upon request, copies of records required to be kept by this permit.

9. Right of Entry

The permittee shall allow an authorized representative of the Department upon presentation of credentials to:

- (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records shall be kept under the conditions of this permit;
- (b) Have access to and copy any records that should be kept under the conditions of this permit;
- (c) Inspect any facilities, equipment (including monitoring control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor for the purposes of assuring permit compliance or as otherwise authorized by the Solid Waste Management Act (N.J.S.A. 13:1E-1.1 et seq.), any substances at any location.

(Modified 04/08/92)

10. Monitoring and Records

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

(Modified 11/21/02)

- (a) The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings or electronic data acquisition and storage system including optical disc system for continuous monitoring instrumentation, copies of all reports required by this permit, the certification required by 40 C.F.R. 264.73(b)(9) and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the Department at any time.
- (b) Records of monitoring information shall include:
  - 1. the date, exact place, and time of sampling or measurement;
  - 2. the individual(s) who performed the sampling or measurements;
  - 3. the date(s) analyses were performed;
  - 4. the individual(s) who performed the analyses;
  - 5. the analytical techniques or methods used; and
  - 6. the results of each analysis.

(Modified 11/21/02)

11. Signatory Requirement

All applications, reports, or information submitted to the Department shall be signed and certified pursuant to 40 C.F.R. 270.11.

12. Reporting Requirements

(a) (Deleted 11/21/02)

(b) Planned Changes

The permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility. The permittee shall obtain Department approval, prior to implementation, for any such alteration or addition subject to Department regulations or the conditions of this permit, including permit modification or permit revocation and reissuance, if necessary.

(c) Anticipated Noncompliance

The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Such advance notice shall not stay the applicability of said permit requirements or the applicability of Condition 1 of this permit, nor shall it relieve the permittee from the obligation to obtain all necessary Departmental approvals of



such changes prior to implementation, including permit modification, permit revocation and reissuance, or issuance of an emergency permit, where necessary.

(Modified 11/21/02)

(d) Transfer of Ownership or Operational Control

This permit is not transferable to any person except after notice to the Department. The Department may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under RCRA (See 40 C.F.R. 270.40).

(Modified 04/01/93)

(Modified 11/21/02)

(e) Manifest

1. Duty to Submit Significant Manifest Discrepancy Reports

The permittee shall submit significant manifest discrepancy reports in accordance with 40 C.F.R. 264.72

2. Duty to Report Receipt of Unmanifested Waste

An unmanifested waste report shall be submitted to the Department within fifteen (15) days of receipt of unmanifested waste.

(Modified 11/21/02)

(f) Biennial Reports

A biennial report must be submitted covering facility activities during odd numbered calendar years (See 40 C.F.R. 264.75).

(Modified 11/21/02)

(g) Discharge and Other Emergency Reporting

The permittee shall report any noncompliance which may endanger human health or the environment. The following information shall be reported orally to the Department immediately after the permittee becomes aware of the circumstances by calling 1-877- WARN DEP (24 hours).

1. Information concerning release of any hazardous waste that may cause an endangerment to public drinking water supplies.
2. Any information of a release or discharge of hazardous waste, or a fire or explosion from a hazardous waste facility which could threaten the environment or human health outside the facility.

3. The description of the occurrence and its cause shall include:

- (a) Name, address, and telephone number of the owner or operator;
- (b) Name, address, and telephone number of the facility;
- (c) Date, time and type of incident;
- (d) Name and quantity of material(s) involved;
- (e) The extent of injuries, if any;
- (f) An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable; and
- (g) Estimated quantity and disposition of recovered material that resulted from the incident.

A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances, to the address in Section (j) of this condition. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

(h) Other Noncompliance

The permittee shall report all instances of noncompliance not reported under Section (c) or (g) of this Condition within thirty (30) days of the time the permittee becomes aware of the noncompliance. The reports shall contain the information listed in Section (g) of this Condition.

(i) Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

(j) Department Address

All reports and submittals required by this permit are to be submitted to the Department of Environmental Protection at the following address:

(Modified 04/08/92)

(Modified 11/21/02)

Department of Environmental Protection  
Division of Solid and Hazardous Waste  
Chief, Bureau of Hazardous Waste and Transfer Facilities  
P.O. Box 414  
Trenton, New Jersey 08625-0414

Copies of all submittals shall also be sent to the Bureau of Hazardous Waste Compliance and Enforcement - Southern Region.

(Added 04/08/92)

(k) (Deleted 11/21/02)

(Modified 04/08/92)

13. Preparedness and Prevention

The permittee must equip the facility with emergency equipment in order to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous wastes or hazardous waste constituents to the air, surface water, or ground water which could threaten the environment or human health. The facility's equipment must include, but not be limited to, the following:

- (a) Portable fire extinguishers placed in locations throughout the facility.
- (b) An adequate water supply shall be maintained on-site or be available to fight fires and provide cooling during emergencies.
- (c) Telephone communications must be locally maintained to summon emergency assistance from local fire departments, police departments, state or local emergency response teams.
- (d) Spill containment structures must be maintained free of cracks or gaps.
- (e) Absorbent compounds must be readily available within the facility to be employed if a spill should occur.
- (f) All preparedness and prevention equipment shall be tested and maintained as necessary to assure its proper operation in time of emergency.

(Modified 11/21/02)

14. Personnel Training

- (a) Facility personnel shall successfully complete a program of classroom instruction or on-the-job-training that teaches them to perform their duties in a way that insures the facility's compliance with the requirements of 40 C.F.R. Part 264, as stated in the

facility's part B permit application, and as referenced in Condition 1(a) of Section II of this permit. New employees shall be trained within six (6) months of the date of employment.

- (b) The training program shall be maintained with records and documentation describing the type and amount of both introductory and continuing training that has been and will be given to each person engaged in hazardous waste management at the facility.

(Modified 11/21/02)

15. Financial Requirements

- (a) The permittee shall maintain financial responsibility for bodily injury and property damage to third parties caused by sudden and nonsudden accidental occurrences arising from operations of the facility. The permittee shall have and maintain liability coverage for sudden occurrences in the amount of at least \$1 million per occurrence with an annual aggregate of at least \$2 million, exclusive of legal defense costs. The permittee shall have and maintain liability coverage for nonsudden occurrences in the amount of at least \$3 million per occurrence with an annual aggregate of at least \$6 million, exclusive of legal defense costs. The permittee shall demonstrate financial responsibility for sudden accidental occurrences according to the mechanisms given in 40 C.F.R. 264.147 paragraphs (a)(1), (2), (3), (4), (5) or (6). The permittee shall demonstrate financial responsibility for nonsudden occurrences according to the mechanisms given in 40 C.F.R. 264.147 paragraphs (b)(1), (2), (3), (4), (5) and (6).
- (b) The permittee shall establish financial assurance for closure and post-closure of the facility. The permittee shall use financial assurance mechanisms approved by the Department, from the options specified in paragraphs (a) through (f) of 40 C.F.R. 264.143 and paragraphs (a) through (f) of 40 C.F.R. 264.145.
- (c) The permittee shall have detailed written closure and post-closure cost estimates in accordance with 40 C.F.R. 264.142(a) and 144(a).
- (d) The permittee shall adjust the closure and post-closure cost estimates for inflation within sixty (60) days prior to the anniversary date of the establishment of the financial instrument(s) used to comply with 40 C.F.R. 264.143 and 145. If the permittee uses the financial test or corporate guarantee, the closure and post-closure cost estimates shall be updated for inflation within thirty (30) days after the close of the firm's fiscal year and before submission of the updated information to the Department. The adjustment may be made by recalculating the maximum costs of closure in current dollars, or by using an inflation factor derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its *Survey of Current Business*. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year.
  - (1) The first adjustment is made by multiplying the cost estimate by the inflation factor. The result is the adjusted cost estimate.

- (2) Subsequent adjustments are made by multiplying the latest adjusted cost estimate by the latest inflation factor.
- (e) During the active life of the facility, the permittee shall revise the closure and post-closure cost estimates no later than thirty (30) days after the Department has approved the request to modify the closure or post-closure plan, if the change in the plan increases the cost of closure or post-closure. The revised closure and post-closure cost estimates must be adjusted for inflation as specified in 40 C.F.R. 264.142(b) and 144(b).
- (f) The permittee shall keep at the facility during the operating life of the facility, the latest closure and post-closure cost estimates prepared in accordance with 40 C.F.R. 264.142 and 144.
- (g) The wording of all financial documents (except for the insurance policy itself) submitted under this Condition must be as per 40 C.F.R. 264.151 with the changes specified at N.J.A.C. 7:26G-8.1(c)10.

(Modified 11/21/02)

6. Operating Record

The permittee must keep a written operating record at the facility in which the information required by 40 C.F.R. 264.73 shall be recorded. The information shall be recorded as it becomes available and maintained until closure of the facility.

17. Posting of Notice

The notice concerning civil and criminal penalties for illegal disposal of hazardous waste must be conspicuously posted and available for all employees to read.

18. Early Expiration of Permit

(Deleted 11/21/02)

19. Permit Limitations

- (a) The issuance of a permit does not authorize any injury to persons or property or invasion of other private rights or any infringement of applicable Federal, State, or local laws or regulations.
- (b) This permit does not constitute the sole source of guidelines to be followed. Any new or current regulations concerning Water Quality, Air Pollution, Hazardous Waste, or other rules of the Department of Environmental Protection, applicable to the facility shall be complied with at the effective date. Regulations are effective

upon publication in the New Jersey Register or as otherwise indicated in the Notice of Adoption in the New Jersey Register.

20. Contingency Plan

- (a) The provisions of the Contingency Plan included in the Part B permit application plus all amendments, revisions and modifications thereof subsequently submitted for review and accepted by the Department, and as referenced in Condition 1(a) of Section II of this permit, shall be carried out immediately whenever there is a fire, explosion or release of hazardous waste constituents which could threaten health or the environment.

- (b) In the event of an emergency an alarm system must be activated to alert employees. The local Fire and Police Department shall be notified immediately. The telephone numbers are:

Bridgeport Fire Company: (609) 467-9894

Logan Township Police Department: (609) 423-6500

- (c) If the facility has a discharge, fire, or explosion which could threaten human health or the environment, the following shall be notified immediately:

(Modified 04/08/92)

1. National Response Center  
2100 Second Street, SW  
Washington, D.C. 20593  
Telephone 1-800-424-8802 (24 hours)

(Modified 11/21/02)

2. New Jersey Department of Environmental Protection  
Communication Center/Trenton Dispatch  
Bureau of Communication and Support Services  
Trenton, N.J. 08625  
Telephone 1-877-WARN DEP (24 Hours)

- (d) The emergency coordinator's notification to both of the above two telephone numbers must include the following information:

1. Name and telephone number of person reporting;
2. Name and address of facility;
3. Time and type of incident (fire or explosion);
4. Name and quantity of material(s) involved, to the extent known;

5. The extent of injuries, if any; and
6. The possible hazards to human health, or the environment, outside the facility.

(e) (Deleted 11/21/02)

21. Security

The permittee must maintain the security procedures as described in the facility's security plan, included in the Part B permit application plus all amendments, revisions and modifications thereof subsequently submitted for review and accepted by the Department, and as referenced in Condition 1(a) of Section II of this permit.

These procedures shall include:

- (a) Controlled entry at the main gate and all other access gates to the site.
- (b) An artificial or natural barrier, which completely surrounds the active portion of the facility. Maintenance of any fence which encloses the entire manufacturing site.

(Modified 04/08/92)

- (c) Maintenance of warning signs posted with the legend, "Danger-Unauthorized Personnel Keep Out", at each entrance of the hazardous waste management area, and also in sufficient numbers around this area, which can be seen from a distance of twenty five (25) feet.

(Added 04/08/92)

(Modified 11/21/02)

22. Submission of Documents Required by Permit Compliance Conditions

The permittee shall submit all permit compliance documents required by this permit to the following:

- (a) New Jersey Department of Environmental Protection  
Division of Solid and Hazardous Waste  
Bureau of Hazardous Waste and Transfer Facilities  
P.O. Box 414  
Trenton, NJ 08625-0414

- (b) New Jersey Department of Environmental Protection  
Solid and Hazardous Waste Enforcement  
Bureau of Hazardous Waste Compliance and Enforcement - Southern Region



## Section II

### Specific Conditions Applicable to the Facility

#### 1. Referenced Permit Application Documents

(Modified 11/21/02)

- (a) The permittee shall operate the facility, and construct or install associated appurtenances thereto, in accordance with the hazardous waste management provisions of Title 7, Chapter 26G of the New Jersey Administrative Code, the conditions of this permit, and the following permit application documents:

(Modified 06/28/91)

(Modified 04/08/92)

1. Rollins Environmental Services (NJ) Inc. revised Part A permit application for a hazardous waste facility, dated October 12, 1988 and signed by G. E. Jordan, Vice President, RES(NJ) subsequently revised August 7, 1990, signed by Gerald E. Jordan, President RES(NJ) and May 2, 1991, October 22, 1991, October 25, 1991 signed by Terry A. Harmeson, President RES(NJ).

(Modified 04/08/92)

(Modified 12/06/93)

2. Rollins Environmental Services (NJ) Inc. Part B permit application for a hazardous waste facility, dated December 1985, subsequently revised January 1988 and February 1988, signed by G. E. Jordan, Vice President, RES(NJ) and October 1991, signed by Terry A. Harmeson, President, RES(NJ), the December 1992 modification request and the May 18, 1993 and June 18, 1993 submittals signed by Terry A. Harmeson, President, RES(NJ) and containing the following drawings:

<u>Drawing No.</u>	<u>Revision</u>	<u>Drawing Title</u>
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Engineering Designs signed and sealed by Eric Schomaker, P.E.:

L018-PI-001-D	1	Legend Sheet
L018-PI-002-D	1	3.6M Rotary Replacement Kiln P&ID
L018-PI-003-D	1	3.6M Rotary Replacement Kiln P&ID

Engineering Designs signed and sealed by Anthony Ricigliano, P.E.:

L026-PI-01-E	A	Process and Instrumentation Diagram
L024-PI-01-E	A	Process and Instrumentation Diagram and Hydraulic Profiles
L024-PI-02-E	A	Process and Instrumentation Diagram and Hydraulic Profiles
L025-PI-01-E	A	Process and Instrumentation Diagram for Storm Water Management

Engineering drawing signed and sealed by Robert W. Slade, P.E.:

L016-SS-01-D	2	Drum unloading and Decanting Area
L016-SS-02-D	2	Trailer Sampling Bay Phase I Tank Farm
L016-SS-03-D	0	Phase III Truck Unloading and Tank Farm
L016-SS-04-D	0	Phase III Truck Unloading and Tank Farm
300-CC-02-4	0	Truck unloading Bay and Pump Shelter
300-CC-03-4	0	Truck unloading Bay and Pump Shelter
300-CC-04-1	0	Truck unloading Bay and Pump Shelter
300-CC-05-1	0	Truck unloading Bay and Pump Shelter
300-CC-06-3	0	Phase I Tank Farm Plan

300-CC-08-1	0	Phase I Tank Farm Wall Sleeve Locations
Modified 04/01/93 300-CC-51-D-4	5	T-323 Loading Pad Sections & Details
S-3	3	Dumpster Shed and Foundation Plans
SK-199		Plot Plan
Modified 04/01/93 300-CC-30-D	3	T-103 Containment Area
300-CC-01-4	0	Phase III Tank Farm Foundation Plan
300-CC-29-0-D	0	Steel drum Pad Containment Area
300-EF-14-0-D	0	Tank 323 Engineering Flow Diagram
300-EF-01-4D	0	Tank Truck Unloading/ Filtering Operation Phase I Tank Farm
300-EF-02-4-D	0	Blend Tanks/Incinerator Feed Flow diagram
300-EF-09-0-D	0	Tank Truck Unloading/ Filtering Operation Phase III Tank Farm
300-EF-10-0-D	1	P & I diagram
300-EF-04-4-D	3	Phase II Storage Tanks
(Added 04/01/93) LO45-CC-104-D	0	Container storage area 320 (Lime Slaker Area)

(Added 08/03/98) L045-PI-01-D	17	Piping & Instrumentation Diagram for Glove Box
(Added 12/08/98) PRL225-01-D	-	Water Reactives Feed Line Diagram for Glove Box
(Added 12/08/98) 98-030-SC-01	-	Ash Containment Area Upgrade
(Added 12/08/98) 98-030-SP-02	-	Ash Containment Area Upgrade Plan View
(Added 01/20/00) 225-053-PFD-001-D	0	Process Flow Diagram Direct Feed Shredder System
(Added 01/20/00) 225-053-ME-001-D	0	Line 1 Line 2 Line3
(Added 01/20/00) 225-053-ME-002-D	0	Direct Feed Shredder Feed Conveyor M-636 Assembly & Installation
(Added 07/03/00) 225-PDD-801	0	Freon 23 Vaporizing System Piping & Instrumentation Flow Diagram
(Added 07/03/00) 225-SP-801	0	Freon 23 Vaporizing System Site Plan
(Added 07/03/00) 225-VFD-801		Freon 23 Vaporizing System Vaporizing Pot Fabrication Drawing
(Added 07/03/00) 9969-M1	0	Loddby Burner Can Assembly
(Added 07/03/00) 9969-M2	0	Loddby Burner Can Details

(Added 07/03/00)		
9969-M3	0	Loddbby Burner Can Air Duct Damper Assembly

(Added 07/03/00)		
9969-M4	0	Loddbby Burner Can Air Duct Damper Details

(Added 07/03/00)		
L021-PI-003-D	11	Incinerator Truck Unloading Phase II - P&ID Process

(Added 07/03/00)		
300-EF-04-D-11	11	Phase II Storage Tanks Engineering Flow Diagram

Engineering Drawing signed and sealed by Joseph R. Szabo, P.E.:

L021-CC-501-D	c	Incinerator Truck Unloading - Phase III
300-CC-34-0-D	0	Ash Containment Area
300-CC-35-0-D	0	East Trailer Parking Area
300-CC-33-0-D	0	Alkaline Storage Containment Area

Engineering designs signed and sealed by Edward F. Stasul, P.E.:

L018-PI-104-D	4	Kiln Replacement P&ID BKMI Kiln
L018-PI-105-D	4	Kiln Replacement P&ED BKMI Kiln
L018-PI-106-D	3	Kiln Replacement P&ID - Incinerator general
L018-PI-107-B	3	Kiln Replacement P&ID - Loddbby Burners
L018-PI-108-D	4	Kiln Replacement P&ID - Kiln/Loddbby/Afterburner

L018-PI-120-D	2	P&I Diagram Flue Gas Scrubbing System
L018-PI-121-D	2	P&I Diagram Flue Gas Scrubbing System
L018-PI-122-D	1	P&I Diagram Flue gas Scrubbing System
L021-PI-002-D	C	Incinerator Truck Unloading Phase III

(Deleted L021-PI-003-D, Rev. C, 07/03/00)

Engineering Designs signed and sealed by William J. Krysan, P.E.:

Installation	L019-PI-101-E	C	Lime Sludge Dryer
	L026-PI-101-E	A	Heavy Metals Removal
	L026-PI-102-E	A	Heavy Metals Removal
	L026-PI-103-E	A	Heavy Metals Removal

Engineering designs signed and sealed by William H. Jones, P.E.:

900-PL-24-2-E	2	Drum Crusher
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(Added 04/08/92)

Engineering designs signed and sealed by Andrew C. Rola, P.E.:

(Modified 12/06/93)

L076-CC-100	-	Overall Site Plan
L062-CC-101	0	Container Storage Area E1
L062-CC-102	0	Container Storage Area E2
(Added 12/06/93)		
L076-C-300	1	Extruder Building, Container Storage Area G and Drum Pad #1 Upgrade

(Deleted Drawing L076-ME-201-D on 01/20/00)

(Deleted Drawing L076-PF-200-D on 01/20/00)

(Added 09/14/92)

3. The Oxygen Enrichment Program Study Report dated July 1992 submitted by Rollins Environmental Services.

(Added 02/27/96)

4. The minor modification request dated October 30, 1995, submitted by Terry A. Harmeson, President, Rollins Environmental Services (NJ) Inc.

(Added 10/31/96)

5. The Contingency Plan revised on August 28, 1995, submitted by Stephen J. DeLussa, Environmental Affairs Manager, Rollins Environmental Services (NJ) Inc. and Department-approved revisions thereto.

(Added 10/31/96)

6. The major modification request dated February 19, 1996, submitted by Terry A. Harmeson, President, Rollins Environmental Services (NJ) Inc.

(Added 10/31/96)

7. The letter dated July 5, 1996, submitted by Terry A. Harmeson, President, Rollins Environmental Services (NJ) Inc.

(Added 10/31/96)

8. The letter dated July 9, 1996, and attachments submitted by Terry A. Harmeson, President, Rollins Environmental Services (NJ) Inc.

(Added 10/31/96)

9. The comments to the draft permit modification dated September 30, 1996, submitted by Terry A. Harmeson, President, Rollins Environmental Services (NJ) Inc.

(Added 08/03/98)

10. The notification of a Class 1 permit modification dated May 28, 1998, submitted by Larry P. Walker, Vice President, Laidlaw Environmental Services (Bridgeport), Inc.

(Added 08/03/98)

11. The notification of a Class 1 permit modification dated July 6, 1998, submitted by Larry P. Walker, Vice President, Safety-Kleen (Bridgeport), Inc.

(Added 09/10/98)

12. The updates to the Contingency Plan dated December 9 and 15, 1997, submitted by Larry P. Walker, Vice President, Laidlaw Environmental Services (Bridgeport), Inc. on December 15, 1997.

(Added 09/10/98)

13. The request for a Class 2 Permit Modification for the Contingency Plan Changes, dated May 27, 1998, submitted by Larry P. Walker, Vice President, Laidlaw Environmental Services (Bridgeport), Inc.

(Added 12/08/98)

14. The notification of the Class 1 permit modification dated September 21, 1998, submitted by Larry P. Walker, Vice President, Safety-Kleen (Bridgeport), Inc.

(Added 12/08/98)

15. The notification of the Class 1 permit modification dated November 24, 1998, submitted by Larry P. Walker, Vice President, Safety-Kleen (Bridgeport), Inc.

(Added 05/13/99)

16. The request for a Class 2 permit modification dated February 4, 1999, submitted by Larry P. Walker, Vice President, Safety-Kleen (Bridgeport), Inc.

(Added 05/13/99)

17. The notification of the Class 1 permit modification dated March 16, 1999, submitted by Michael G. Fusco, Environmental, Health & Safety Manager, Safety-Kleen (Bridgeport), Inc.

(Added 01/20/00)

18. The request for a Class 1 permit modification dated November 30, 1999, submitted by Keith Michels, Technical Support Manager, Safety-Kleen (Bridgeport), Inc.

(Added 07/03/00)

19. The notification of a Class 1 permit modification dated April 17, 2000, submitted by Keith Michels, Technical Support Manager, Safety-Kleen (Bridgeport), Inc.

(Added 07/03/00)

20. The notification of a Class 1 permit modification dated April 24, 2000, submitted by Keith Michels, Technical Support Manager, Safety-Kleen (Bridgeport), Inc.

(Added 07/03/00)

21. The notification of a Class 1 permit modification dated June 7, 2000, submitted by Keith Michels, Environmental Compliance Manager, Safety-Kleen (Bridgeport), Inc.



(Added 11/21/02)

22. The Final Implementation Plan for Closure dated May 31, 2001, submitted on June 7, 2001, by Mary Ann Allen, General Manager, Safety-Kleen (Bridgeport), Inc.

(Added 11/21/02)

23. The revised Contingency Plan dated February 2002 submitted by John Mahaffy, Facility Manager, Safety-Kleen (Bridgeport), Inc.

(Added 11/21/02)

24. The application to transfer the hazardous waste facility permit dated April 30, 2002, submitted by Carl Paschetag, Jr., Manager, Bridgeport Disposal, LLC.

(Added 11/21/02)

25. The letter regarding the transfer of the hazardous waste facility permit dated June 27, 2002, submitted by William F. Connors, Director of Regulatory Affairs, Clean Harbors Environmental Services, Inc.

(Modified 11/21/02)

In case of conflict, the hazardous waste management provisions of Title 7, Chapter 26G of the New Jersey Administrative Code shall have precedence over the conditions of this permit, and the conditions of this permit shall have precedence over the permit application documents listed above.

- (b) One complete set of the permit application documents listed in Condition 1(a) above, this Hazardous Waste Facility Permit, and all records, reports and plans as may be required pursuant to this permit shall be kept on-site and shall be available for inspection by authorized representatives of the Department upon presentation of credentials. The records, reports and plans required pursuant to this report include the following:

(Modified 11/21/02)

1. The Personnel Training Plan and records required by Condition 14 of Section I of this permit and 40 C.F.R. 264.16.

(Modified 11/21/02)

2. Copies of the financial documents and closure and post-closure cost estimates required by Condition 15 of Section I of this permit and 40 C.F.R. Part 264 Subpart H.

(Modified 11/21/02)

3. The written Operating Record required by Condition 16 of Section I of this permit and 40 C.F.R. 264.73

(Modified 10/31/96)

(Modified 09/10/98)

(Modified 05/13/99)

(Modified 11/21/02)

4. The Contingency Plan required by Condition 20 of Section I of this permit and 40 C.F.R. Part 264 Subpart D, and specifically the Contingency Plan prepared by Safety-Kleen (Bridgeport), Inc. dated February 2002.

(Modified 04/01/93)

(Modified 12/06/93)

(Modified 10/31/96)

(Modified 11/21/02)

5. The Waste Analysis Plan outlined in Condition 4 of Section II of this permit, as required by 40 C.F.R. 264.13, specifically the plan prepared by Rollins Environmental Services (NJ) Inc. dated September, 1996, and Department-approved revisions thereto.

(Modified 11/21/02)

6. The Inspection Requirements required by Condition 5 of Section II of this permit and 40 C.F.R. 264.15, 174, 195 and 347.

(Modified 04/08/92)

(Modified 11/21/02)

7. The Closure Plan required by Condition 7 of Section II of this permit and 40 C.F.R. 264.112.

## 2. Authorized Activities

### (a) Storage

#### 1. Container Storage Requirements

(Modified 11/21/02)

- a. All containers used for hazardous waste storage shall meet the requirements of 40 C.F.R. 264.171 and 172 and shall be managed in accordance with 40 C.F.R. 264.173.
- b. Fiber drums, plastic drums, positive displacement pump tote bins or other containers approved by the United States Department of Transportation may be used to store hazardous wastes in permitted areas, provided that the total volume of material stored in each area does not exceed the permitted storage capacity. All containers shall be constructed of materials compatible with the wastes stored.
- c. Container storage area floors shall be constructed of concrete at least six (6) inches thick, free of cracks or gaps and sufficiently

impervious to contain leaks and spills until contaminated liquids are detected and removed. The concrete floor shall have a permeability rating no greater than  $(10^{-7})$  centimeters per second, in addition to adequate structural integrity to withstand the maximum anticipated loads applied to the floor due to activities or structures placed in the containment area. Floors shall be inspected daily for cracks and condition of joints in accordance with Condition 5(a) of this section. All joints, cracks or gaps shall be kept filled with a suitable joint sealant material. The sealant material shall be non-susceptible to the wastes stored.

(Modified 04/08/92)

- d. Containers smaller than fifty-five (55) gallons shall be stacked no higher than the equivalent of two (2) fifty-five (55) gallon containers. Fifty-five (55) gallon containers shall be stacked no greater than two (2) high. Containers greater than fifty-five (55) gallons shall be stacked no greater than one (1) high. All containers shall be arranged so that each identification label is visible. A minimum twenty four (24) inch aisle space shall be maintained between each row of palletized or otherwise elevated containers.
- e. Containers shall be segregated in the storage area by compatibility class.
- f. Containers holding ignitable or reactive wastes shall be located at least fifty (50) feet from the facility property line.
- g. Spilled or leaked wastes shall be removed from trenches, sumps or collection areas daily.

(Added 10/31/96)

(Modified 11/21/02)

- h. The permittee shall not place a waste which is incompatible with waste already in a drum/container, or incompatible with a material of construction of a drum/container, in that drum/container, unless compliance with 40 C.F.R. 264.17(b) is maintained. The permittee shall not place a hazardous waste in an unwashed drum/container which previously held an incompatible waste or material. The permittee shall evaluate each waste, prior to its addition to any drum/container, to ensure compliance with 40 C.F.R. 264.177, as prescribed in Condition 4 of Section II of this permit.

(Modified 11/21/02)

- i. The permittee shall not store within a container storage area any equipment, vehicles or other materials which may reduce the secondary containment capacity of the area.

(Modified 11/21/02)

2. Tank Storage Requirements

The permittee is no longer authorized to store hazardous waste in tanks. All tanks previously authorized for storage of hazardous waste must be closed in accordance with Condition 7 of Section II of this permit.

(Modified 12/06/93)

(Modified 02/27/96)

(Modified 11/21/02)

3. Existing Storage Areas for Containerized Waste

The permittee has submitted notification of its intent to close the facility. During the closure period, the permittee is authorized to store containers of waste generated on site of the types listed in Conditions 3(a) and 3(b) of Section II of this permit in the following areas, as delineated in Condition 1 of Section II of this permit. However, upon completion of the closure decontamination procedures for an area, the area shall no longer be used for storage of hazardous waste.

<u>Storage Area</u>	<u>Minimum Base Thickness (in)</u>	<u>Permitted Storage Capacity (gallons)</u>	<u># of 55 Gallon Drums</u>
Covered Drum Pad	6	24,750	450
Kiln Staging Area	6	17,600	320
(Added 12/06/93) Container Storage Building	6	165,000	3,000
Rotary Kiln Eductor Storage Pad	6	660 12 - ton gas cylinders	12

(Modified 12/06/93)

4. Proposed Storage Area for Containerized Waste to be Incinerated

(Deleted 11/21/02)

(Modified 11/21/02)

5. Existing Storage Areas for Truck Trailers of Containerized and Bulk Loads of Waste

The permittee has submitted notification of its intent to close the facility. During the closure period, the permittee is authorized to spot truck trailers

containing hazardous wastes generated on-site of the types listed in Conditions 3(a) and 3(b) of Section II in the following contained areas, as delineated in Condition 1 of Section II of this permit. However, upon completion of the closure decontamination procedures for an area, the area shall no longer be used for storage of hazardous waste:

(Modified 04/01/93)

<u>Storage Area</u>	<u>Minimum Base Thickness (inches)</u>	<u>Permitted Capacity (gallons)</u>	<u># of trailers</u>
T-323 Area	6	10,000	2
Lime Slaker Area	6	21,000	3
T-103 Area	6	21,000	3

(Modified 11/21/02)

6. Existing Tanks

The permittee has submitted notification of its intent to close the facility. The permittee is no longer authorized to blend/store liquid wastes in tanks. The permittee shall close the following tanks in accordance with Condition 7 of Section II of this permit:

<u>Tank Number</u>	<u>Primary Function</u>	<u>Location</u>	<u>Permitted Storage Capacity (gallons)</u>
T-301	blend/ storage	Phase I Tank Farm	7,000
T-302	blend/ storage	Phase I Tank Farm	7,000
T-303	blend/ storage	Phase I Tank Farm	20,000
T-304	blend/ storage	Phase I Tank Farm	20,000
T-308	blend/ storage	Phase II Tank Farm	30,000
T-310	blend/ storage	Phase II Tank Farm	20,000
T-311	blend/ storage	Phase II Tank Farm	30,000

T-323	storage	Bulk Storage	150,000
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(Modified 12/06/93)

7. Proposed New Tanks

(Deleted 11/21/02)

(Modified 02/27/96)

(Modified 10/31/96)

8. Storage/Treatment Areas for Containerized Wastes to be Transferred Off-Site

(Deleted 11/21/02)

9. Existing Storage Areas for Non-Hazardous Waste

1. The permittee is authorized to store non-hazardous wastes in van trailers in the following areas:

- a. Area adjacent to the area designated as truck trailer parking on the proposed facility plan L016-CC-02-D and the area located approximately one hundred fifty (150) feet north of the phase I tank farm.

Fourteen (14) van trailers maximum.

(Modified 12/06/93)

10. Drum Crusher

(Deleted 11/21/02)

(Added 9/29/89)

11. Proposed Storage Area for Containerized Waste and Liquified Petroleum Gas (LPG) Tank Trailers to be Educted\*

(Deleted 11/21/02)

(Added 4/08/92)

(Modified 11/21/02)

12. Storage Areas for Dump Trailers, Box Trailers, Tank Trailers, and Containerized Waste

The permittee has submitted notification of its intent to close the facility. During the closure period, the permittee is authorized to store dump trailers, box trailers, tank trailers, roll-offs and containers which vary in size

from one (1) to three hundred fifty (350) gallons of waste of the types listed in Condition 3(a) and 3(b) of Section II of this permit in the areas described below. However, upon completion of the closure decontamination procedures for an area, the area shall no longer be used for storage of hazardous waste:

<u>Storage Area</u>	<u>Minimum Base Thickness (inches)</u>	<u>Permitted Storage Capacity (gallons)</u>	<u>Maximum No. of Trailers</u>
Container Storage Area E1	9	120,000	12
Container Storage Area E2	9	80,000	8

(b) Blending

(Deleted 11/21/02)

(Modified 11/21/02)

(c) Incineration

The permittee has submitted notification of its intent to close the facility. Therefore, the permittee shall no longer utilize the existing incineration system to treat hazardous waste and shall close the incineration system in accordance with Condition 7 of Section II of this permit. The incineration system, as described in the documents referenced in Condition 1 of Section II of this permit, includes the Rotary Kiln, the Afterburner, and the Loddby Burner, as well as the associated waste feed systems, air pollution control devices, and secondary containment systems.

(Modified 9/29/89)

(Modified 11/21/02)

(d) Incineration Residues

The permittee has submitted notification of its intent to close the facility. Therefore, the permittee is no longer authorized to store incineration residues in the areas listed below. The permittee shall close the areas listed below in accordance with Condition 7 of Section II of this permit.

(Modified 04/08/92)  
(Modified 12/08/98)

Storage	Storage	Minimum Base	Permitted
	<u>Area</u>	<u>Thickness (inch)</u>	<u>Capacity (gallons)</u>
	Ash Containment Area	6	12,120
	Scrubber Sludge Containment Area	6	12,120
	Container Storage Area E <sub>1</sub>	9	120,000
	Container Storage Area E <sub>2</sub>	9	80,000

(e) Ancillary Equipment

(Deleted 11/21/02)

3. Authorized Wastes

(Modified 10/31/96)  
(Modified 11/21/02)

(a) Hazardous Wastes Accepted for Storage, Treatment and/or Transfer

The permittee has submitted notification of its intent to close of the facility. Therefore, the permittee is no longer authorized to accept waste from off-site. During the closure period, the permittee may store on-site generated hazardous wastes with the following waste codes as authorized by Condition 2 of Section II of this permit:

All D codes\*, F001 through F012, F019, F024, F025, F032, F034, F035, F037, F038, K001 through K011, K013 through K052, K060 through K062, K064 through K66, K069, K071, K073, K083 through K088, K090, K091, K093 through K118, K123 through K126, K131, K132, K136, K141 through K145, K147 through K151, K169 through K172, all P codes and all U codes

\* The permittee may not store a solid waste that exhibits characteristics of reactivity if a representative sample of the waste has any of the following



properties:

1. It forms potentially explosive mixtures with water.
2. It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement.
3. It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.
4. It is a forbidden explosive as defined in 49 CFR 173.51, or a Class A explosive as defined in 49 CFR 173.53 or a Class B explosive as defined in 49 CFR 173.88.

(Modified 11/21/02)

(b) Management of Non-Hazardous Wastes

The permittee has submitted notification of its intent to close the facility. Therefore, the permittee is no longer authorized to accept non-hazardous waste from off-site.

(c) (Deleted 10/31/96)

(d) (Deleted 11/21/02)

(Modified 10/31/96)

4. Waste Analysis and Quality Assurance Requirements

- (a) The permittee shall adhere to the provisions of the waste analysis plan cited in Condition 1(b)5 of Section II of this permit, and any subsequent revisions approved by the Department.

(Modified 11/21/02)

- (b) Each hazardous waste generated, stored or treated at this location shall be fully identified and classified in accordance with 40 C.F.R. 261. The permittee shall obtain all of the information which must be known to store and treat the waste in accordance with the provisions of this permit, as well as to treat or dispose of the waste at another authorized facility, if applicable.

(c) (Deleted 11/21/02)

(d) (Deleted 11/21/02)

(e) (Deleted 11/21/02)

(f) (Deleted 11/21/02)

(g) (Deleted 11/21/02)

(h) (Deleted 11/21/02)

(i) Incinerator Residues, Other Residues of Commercially Accepted Waste and Waste Generated On-Site

1. For incinerator residues, other residues of commercially accepted wastes and wastes generated on-site that are to be shipped off-site for landfilling, the permittee shall obtain a representative sample of the waste and analyze the sample in accordance with the requirements for Category 4 wastes described in the approved waste analysis plan.

2. (Deleted 11/21/02)

(j) Unknowns

For wastes that become unknown (i.e. container markings/labels detach or are illegible) while in storage at the facility, the permittee shall comply with SOP-7.7 contained in the approved waste analysis plan.

(k) Sampling methods shall be in accordance with the procedures as outlined in the approved waste analysis plan, and shall employ equipment as prescribed in the latest edition of EPA Manual SW 846.

(l) Analytical Methods

All waste analysis performed by the permittee to comply with the requirements of Condition 4 of Section II of this permit shall be performed in accordance with the latest edition of the following methods:

<u>Parameter</u>	<u>Method</u>
Heating value	ASTM D-240
Ash	Standard Methods 18th ed., Part 408D
Halogens	SW846 Methods 5050 and 9056
Sulfur	ASTM D3177 and D3449
Metals	SW846 Methods 6010, 7470 and 7471
PCBs	SW846 Method 8080
Flash point	SW846 Method 1010 or 1020
pH	SW846 Method 9041
Reactive cyanides/sulfides	SW846 Methods 9010 and 9030
Viscosity	Manufacturer's Manual
Boiling point	ASTM D1120-89
Compatibility	ASTM E476-73 Modified

(Modified 11/21/02)

- (m) The permittee shall maintain in the written Operating Record required by Condition 16 of Section I of this permit, as per 40 C.F.R. 264.73(b)(3), records and results of all waste analyses performed. Such records and results shall be entered into the written Operating Record as they become available and shall be maintained until closure of the facility. The permittee shall maintain the following waste analysis information in the written Operating Record:
1. An identification of the material sampled or measured, including the manifest number, if applicable;
  2. The date, time and location of sampling or measurement;
  3. The individual who performed the sampling or measurements;
  4. The date, time and location analyses were performed;
  5. The individual who performed the analysis; and
  6. The results of the analyses.

(Modified 11/21/02)

5. Inspections Requirements

- (a) The permittee shall comply with the inspections as described in the documents referenced in Condition 1 of Section II of the permit, for equipment malfunction, structural deterioration, operator errors, spills or leakage and discharges that could cause or lead to the release of hazardous waste constituents and adversely affect the environment or threaten human health. The permittee shall conduct the inspections for the equipment listed below.

<u>Activity/Equipment</u>	<u>Inspected for</u>	<u>Frequency*</u>
(Modified 04/08/92)		
Container placement	placed on pallets or otherwise elevated by wheels, skids, legs, etc.	Daily
Container placement	minimum twenty-four(24) inch aisle space, neat, tidy	Daily
Container stacking of fifty five	maximum of two (2) high	Daily

(55) gallon drums			
Container sealing	all bungs and covers	Daily	
Container labeling	labels complete	Daily	
Container condition	corrosion, leaks	Daily	
Container location by type	type	Daily	
Housekeeping	clean, tidy	Daily	
(Modified 04/08/92)			
Warning signs	legible & visible	Weekly	
Emergency equipment	unobstructed	Daily	
Fire exits	unobstructed	Daily	
(Added 04/08/92)			
Vehicle Management	no visible corrosion or leaks which may cause a container failure	Daily	
Electrical equipment	unobstructed	Daily	
(Modified 4/08/92)			
Containment areas and sumps	accumulation of spilled or leaked waste, standing water, cracks and gaps	Daily	
Process pipes, valves and pumps	leaks	Daily	
Fence	no gaps, not corroded	Weekly	
Main gate	functional	Weekly	

Side gate

functional,  
Locked

Weekly

\* For any unit that is no longer used to manage hazardous waste and that has been decontaminated in accordance with the facility's closure plan, the inspections required by this Condition may be discontinued. To discontinue the inspections for a unit, the permittee must document that the closure decontamination has been conducted and no waste remains in the unit. For general facility inspections and for any unit that is still used to manage hazardous waste or that has not yet been decontaminated as required by the closure plan, inspection shall continue in accordance with this Condition. Daily inspections must be conducted only on each operating day. Operating day is defined as a day that operating staff are on-site. However, at a minimum, the daily inspections shall be performed once a week.

- (b) A written log of all inspections, including copies of the completed inspection checklists, is to be kept on-site. At a minimum, this log must include the date and time of each inspection, the name of the inspectors, a notation of the observations made, and the date and nature of any repairs or other remedial actions performed.

6. Construction/Installation Requirements

(Deleted 11/21/02)

(Modified 11/21/02)

7. Closure Plan

- (a) The permittee shall close the facility in accordance with the Final Implementation Plan for Closure, dated May 31, 2001, and submitted on June 7, 2001, by Mary Ann Allen, General Manager, Safety-Kleen (Bridgeport), Inc., the conditions of this permit, and 40 C.F.R. Part 264 Subpart G.
- (b) The permittee shall complete the following closure activities prior to December 31, 2002:
1. All hazardous waste and hazardous waste residues shall be removed from the authorized container storage areas, including the areas designated for storage of incineration residues, and shall have been incinerated on-site or shipped off-site to a facility authorized to receive such waste. The floors, walls and structural components of each container storage area shall be pressure washed.
  2. All hazardous waste and hazardous waste residues shall be removed from

the authorized storage tanks and shall have been incinerated on-site or shipped off-site to a facility authorized to receive such waste. The permittee shall either remove and dispose of the tanks off-site as hazardous waste or decontaminate the tanks. Tank decontamination shall consist of pressure washing, solvent washing, steam cleaning and water sprays, and/or abrasive techniques. The floors, walls and structural components of all tank secondary containment areas shall be pressure washed.

3. Refractory from the front wall, kiln and afterburner of the incineration system shall be removed. This refractory and the crossover duct shall be disposed of off-site as hazardous waste at a facility authorized to manage such waste. The incinerator superstructure and containment areas shall be pressure washed.
  4. Any water remaining in the incineration system air pollution control equipment shall be managed through the permittee's waste water treatment system or shall be shipped off-site as hazardous waste. Residual solids, refractory, scrubber packing and support grids in the air pollution control equipment shall be shipped off-site as hazardous waste. The interior of the scrubber shall be pressure washed. The remaining air pollution control devices and associated equipment shall be shipped off-site as hazardous waste or decontaminated. Decontamination shall consist of solvent washing, high pressure steam and water sprays, and/or abrasive techniques.
  5. Waste transfer equipment, such as pumps, piping, valves, etc., shall be shipped off-site as hazardous waste or decontaminated. Decontamination shall consist of flushing with an appropriate solvent, high pressure steam and water sprays, and/or abrasive techniques. Floors, walls and structural components shall be pressure washed.
  6. Other waste processing equipment, such as the shredder, glove box, deslagger, drum dumpers, etc., shall be shipped off-site as hazardous waste or decontaminated. Decontamination shall consist of pressure washing, solvent washing, high pressure steam and water sprays, and/or abrasive techniques. Floors, walls and structural components shall be pressure washed.
  7. All wash waters, used solvent, solid materials and other residues resulting from the decontamination procedures required above shall be collected and shipped off-site as hazardous waste.
- (c) For each item listed in Condition 7(b) that is decontaminated, the permittee shall verify adequate decontamination by conducting a visual inspection of equipment/area and by rinsing the equipment/area with water and collecting a sample of the rinse water for analysis. Results of all rinse water analyses shall be submitted to the Department along with the closure certification.

- (d) A closure soil sampling and analytical plan is currently under review by the Department. Within thirty (30) days of the Department's issuance of any comments regarding the soil sampling and analytical plan, the permittee shall submit a response to the Department addressing all comments. Within sixty (60) days of the Department's approval of the soil sampling and analytical plan, the permittee shall collect the soil samples proposed in the approved plan. The permittee shall then have the samples analyzed in accordance with the approved plan and shall submit the results to the Department along with the certification of closure.
- (e) Within sixty (60) days of collecting the final soil samples in accordance with the approved plan, the permittee shall submit to the Department, by registered mail, a certification that the hazardous waste management facility has been closed in accordance with the specifications in the approved closure plan. The certification must be signed by the permittee and by an independent registered professional engineer licensed in New Jersey. The results of the decontamination verification rinsate analyses and soil sample analyses must be submitted along with the certification, as well as any other supporting documentation.
- (f) The Department will review the closure certification and the analytical results and perform an inspection of the facility. Based on the review and inspection, the Department will either accept closure certification or require the permittee to perform additional closure activities to meet the closure performance standards of 40 C.F.R. 264.111. Additional closure activities may include, but are not limited to, further decontamination, sampling and remediation actions.

8. Soil Sampling and Analysis Requirements

(Deleted 11/21/02)